

October 20, 1959

Professor Joshua Lederberg
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Dear Joshua and Esther:

Yours of the 9/22 and subsequently, received. Sounds as if things are as bad there as here, with construction slowing things up. I expect that we will be in our new quarters by November 15 and perhaps settled down.

I have also received the cultures that you sent. By NPE I understand that a heterogenote has been shown to contain both endo- and exo-genetic Gal⁻ but the phenotype is either intermediate or full Gal⁺. By PE the same completeness has been shown but the phenotype is Gal⁻, but papillating the foregoing being assumed, then you have sent me a PE Gal₃⁻ / ex Gal₂⁻ and a NPE Gal₃⁻ / ex Gal₂⁻ (actually a couple of each) and a NPE Gal₉⁻ / ex Gal₂⁻. I shall look at these in due course, but first must make HFT Gal₃⁻ which we should have shortly.

Since writing last I have added the following:

- 1.) 2 PE Gal₃⁻ / ex Gal₂⁻
- 2.) 8/8 Gal₃⁻ / ex Gal₄ are NPE
- 3.) 10/10 Gal₃⁻ / ex Gal₁⁻ are NPE
- 4.) 5/5 Gal₉⁻ / ex Gal₂⁻ are NPE

In my efforts to find HFT 3 it would be of help to have a NPE Gal⁻ such as Gal₂₂⁻ or Gal₁₆⁻. Would you send me one of these? If I obtain HFT 3 before you, I will send a transfer. I am attempting to isolate it from a pe Gal₃⁻ / ex Gal₂⁻ by applying Gal⁻ seg in 3102. If I am unlucky I might miss it here because of pe.

I have not read the SGM review carefully but from preliminary examination it appears a good summary of the situation. I take it to mean that you intend to go to England in the Spring. What are the chances of persuading you to stop here? Or what arrangements are necessary for a "consultation" here?

Do you remember the Rocky Mountain Biological Laboratory at Gothie, Colorado? It is undergoing some changes for the better chiefly through the efforts of new people such as Sturtevant, Novitski, Bill Baker, Wagner, and some of the local people, and has great promise for the future. As soon as complete control is obtained by the new blood (this year) it should develop much more satisfactorily. I visited the place this summer and it is

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- 2 -

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scenically better than any place in Estes Park. Would you be interested in membership? It is only \$5.00 per year to be a member of the corporation. I would be pleased to propose you for membership if you are interested.

Sincerely,

M. L. Morse, Ph.D.

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